SMART-TRIAL Todos Case

Repository

Task 1: Convert it from class-based to function-based component(s)
Simply converted from top to bottom, only modifying a tiny bit of the class component. However, converting the state declarations and function handlers, I found it more efficient to write a copy of the previous defined item, then deleting the original, as it was only for reference.
Time: 3m 37s

Task 2: Add statuses to the items in the list: "Todo", "Doing", "Done". It should be possible to move the items through these statuses and see clearly which status each item is in
Created TodoForm.tsx to handle all the form logic, taking in onSubmit as its only property.
Handling specific items, it's as simple as making a datalist with the items as options, then an input referencing the list.
Time: 31m 20s

Task 3: Add an optional deadline to items. A date and time for when an item should be complete
Simple input with date type was added. Converting from strings to date object is a bit fiddly, but nothing complicated.
Time: 23m 50s

Total time spent: 58m 47s

Bonus tasks: Move statuses input into own component & save todos in localStorage
Although this wasn't required, I added a bonus task for myself, which was to move the statuses inputs into its own component to avoid DRY.
Saving todos somewhere was obvious to me – you can't have a todos list, and just clean them on refresh. They should be stored somewhere and updated whenever a todo is updated.
Time: 14m 57s

Which technically brings the total to **1h 13m 44s**

A more in-dept solution is provided in the repository's **Solution.md**

Thanks for your time and the case!

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